

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129516.D
 Acq On : 02 Aug 2022 19:58
 Operator : CG\JU
 Sample : N3895-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-58

Quant Time: Aug 03 01:47:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

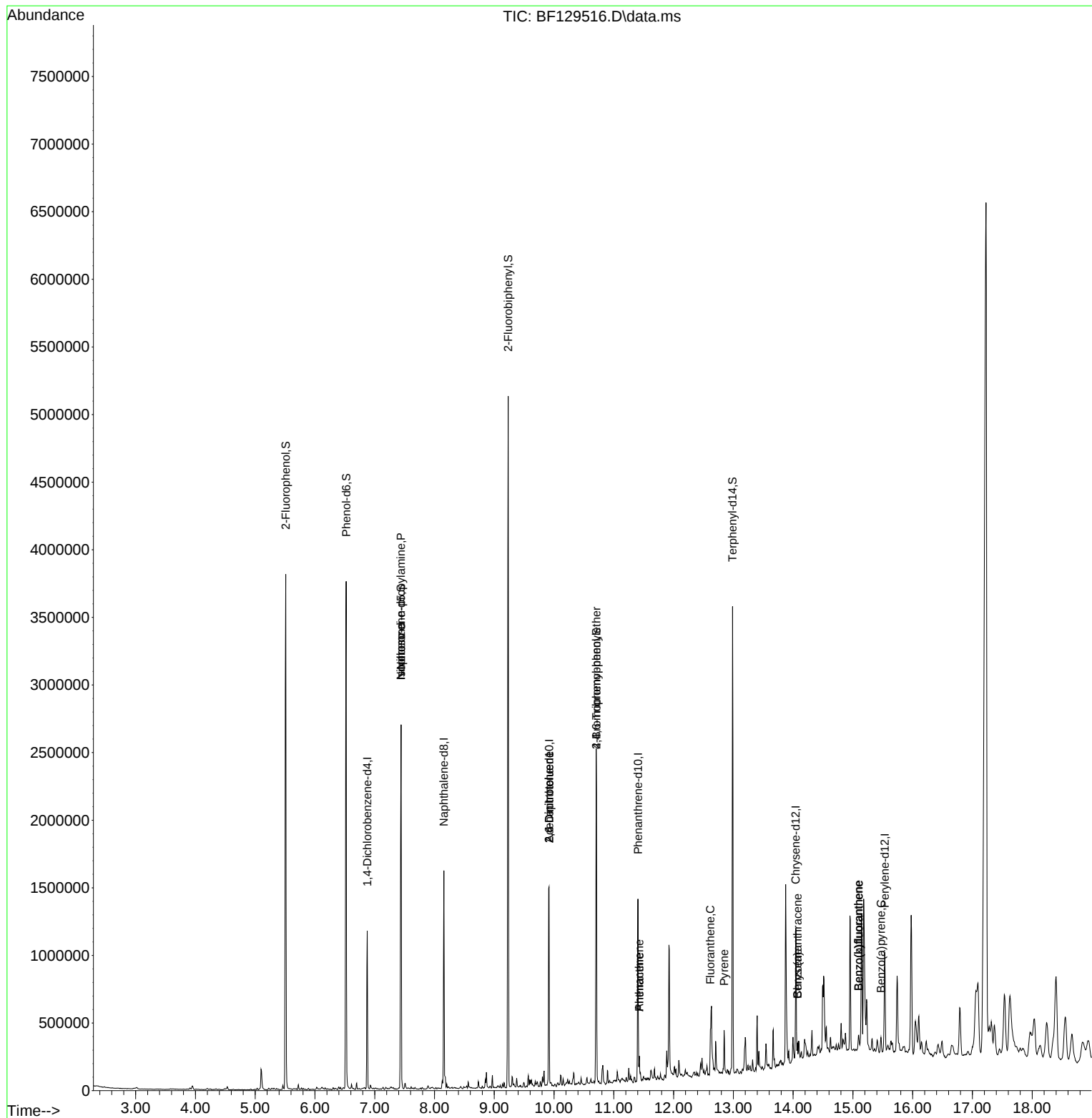
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	159553	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	631857	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	313360	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	429212	20.000	ng	0.00
76) Chrysene-d12	14.045	240	297461	20.000	ng	0.00
86) Perylene-d12	15.533	264	266110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	985247	100.591	ng	0.00
7) Phenol-d6	6.522	99	1238033	100.562	ng	0.00
23) Nitrobenzene-d5	7.440	82	811412	70.101	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	282380	93.729	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1441768	71.175	ng	0.00
79) Terphenyl-d14	12.986	244	1108720	70.318	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	109908	14.747	ng	# 73
25) Isophorone	7.440	82	811412	39.108	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	42036	8.682	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	42036	6.646	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	18219	3.876	ng	# 1
71) Phenanthrene	11.428	178	60475	2.581	ng	98
72) Anthracene	11.428	178	60475	2.627	ng	99
75) Fluoranthene	12.616	202	84843	3.574	ng	98
78) Pyrene	12.845	202	88119	3.543	ng	99
81) Benzo(a)anthracene	14.074	228	55565	2.735	ng	92
83) Chrysene	14.074	228	55565	2.902	ng	96
88) Benzo(b)fluoranthene	15.098	252	82847	4.693	ng	# 95
89) Benzo(k)fluoranthene	15.098	252	82847	4.789	ng	# 95
90) Benzo(a)pyrene	15.468	252	36094	2.519	ng	# 89

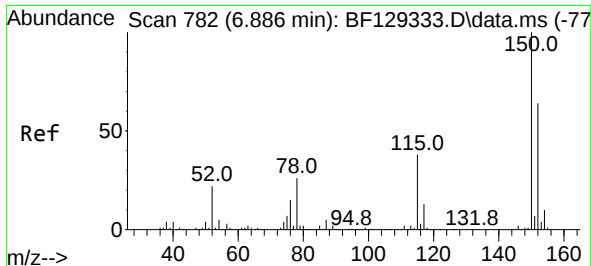
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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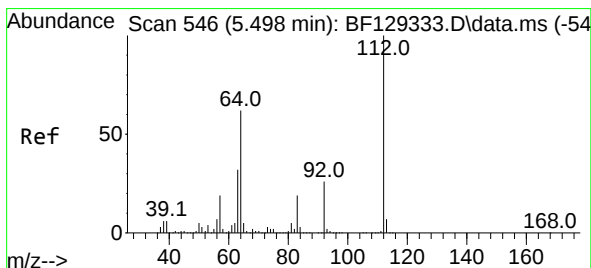
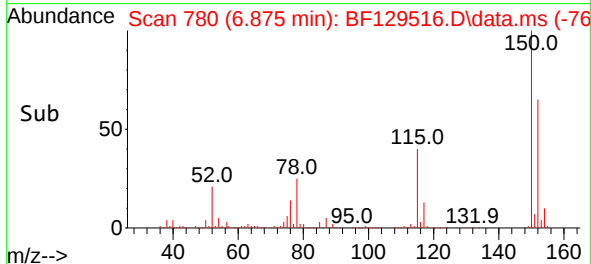
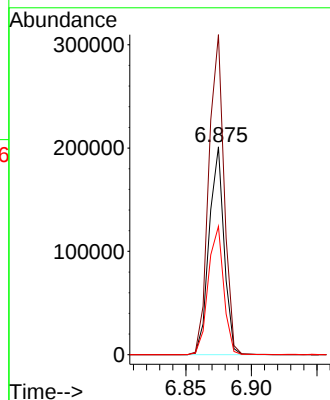
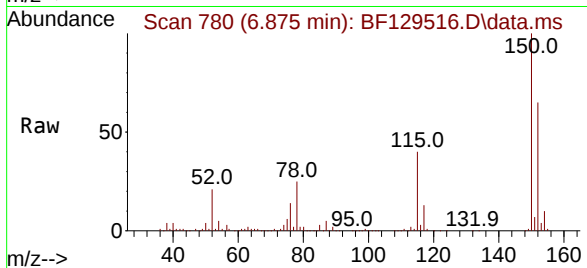




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129516.D
 Acq: 02 Aug 2022 19:58

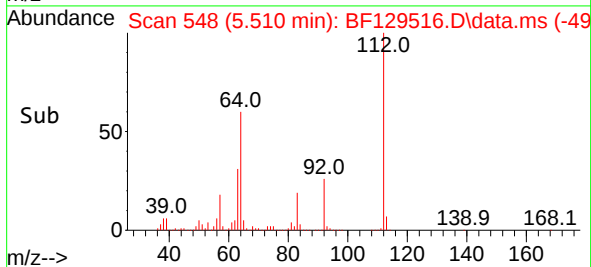
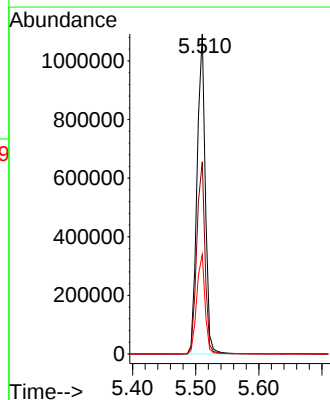
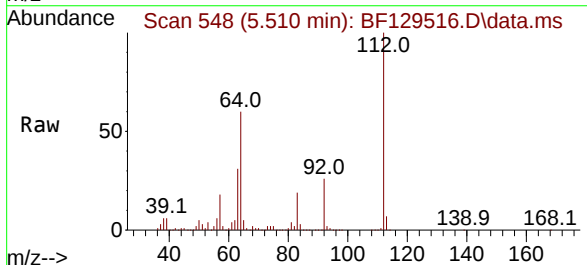
Instrument :
 BNA_F
 ClientSampleId :
 RVE-58

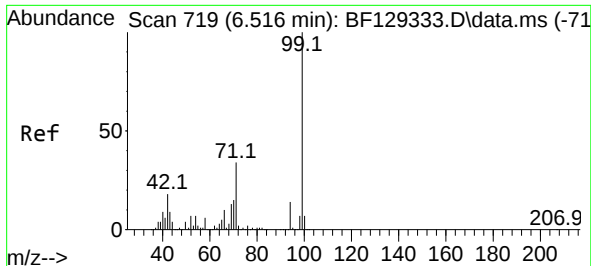
Tgt Ion:152 Resp: 159553
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.7 185.5
 115 61.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 100.591 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129516.D
 Acq: 02 Aug 2022 19:58

Tgt Ion:112 Resp: 985247
 Ion Ratio Lower Upper
 112 100
 64 60.1 53.3 79.9
 63 31.1 28.0 42.0



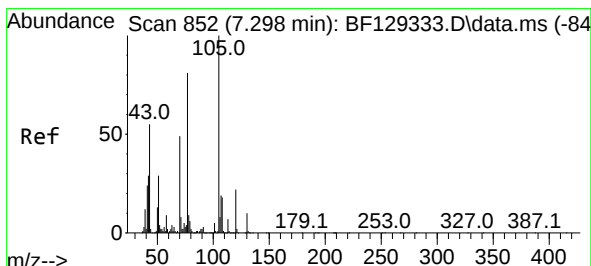
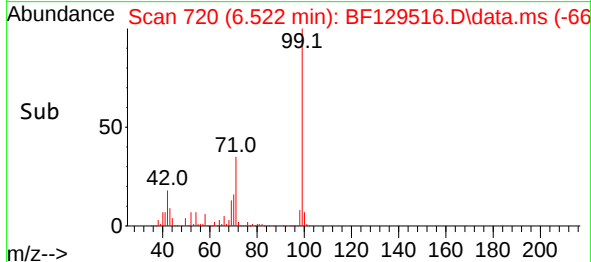
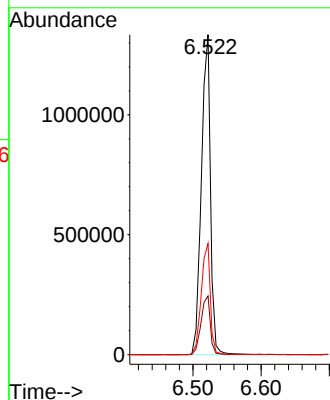
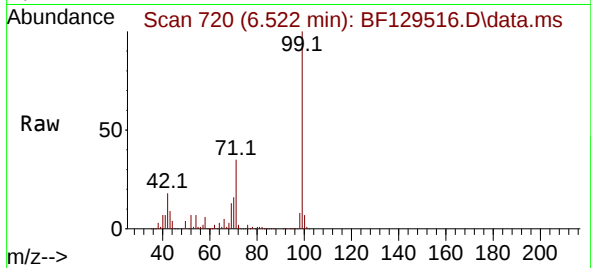


#7
Phenol-d6
Concen: 100.562 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Instrument :
BNA_F
ClientSampleId :
RVE-58

Tgt Ion: 99 Resp: 1238033

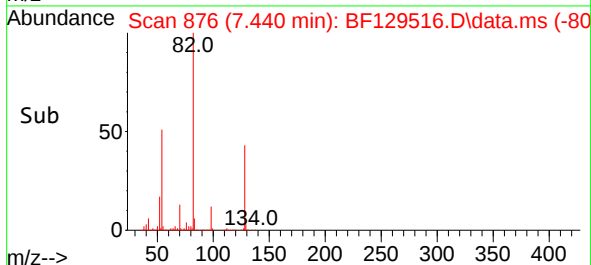
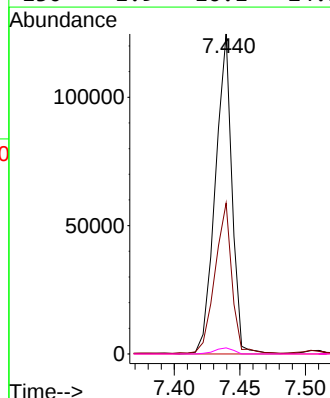
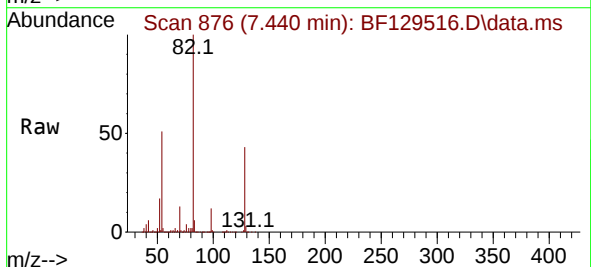
Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.3	25.9
71	34.7	28.9	43.3

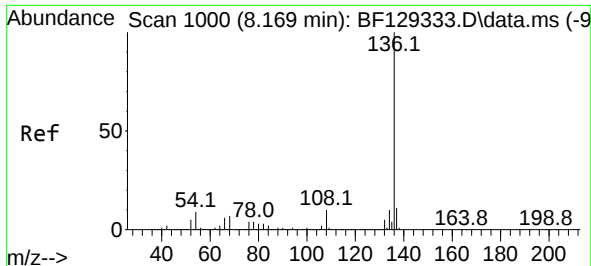


#19
n-Nitroso-di-n-propylamine
Concen: 14.747 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion: 70 Resp: 109908

Ion	Ratio	Lower	Upper
70	100		
42	47.1	52.3	78.5#
101	0.0	7.5	11.3#
130	1.9	16.1	24.1#

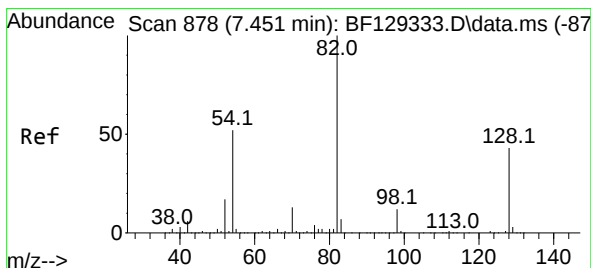
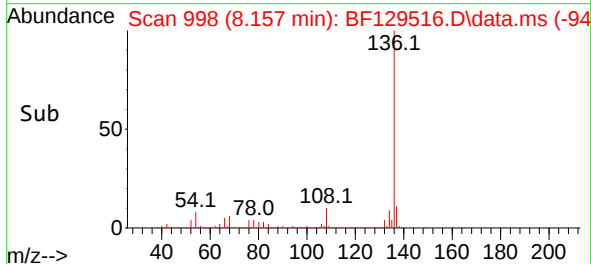
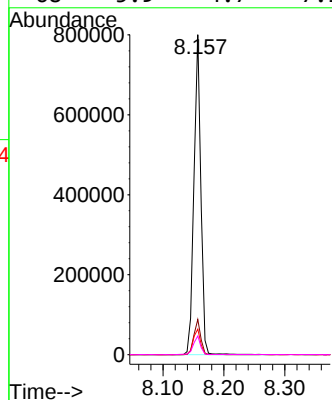
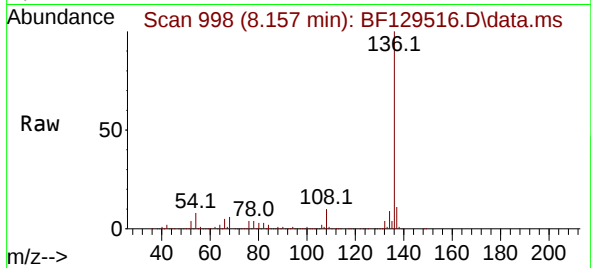




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

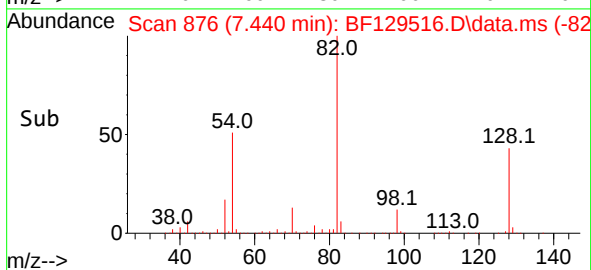
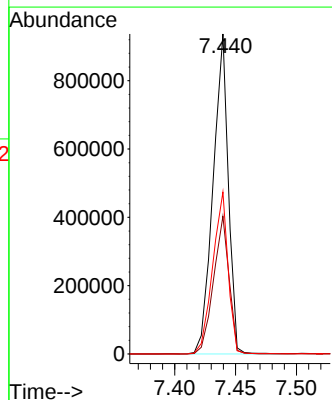
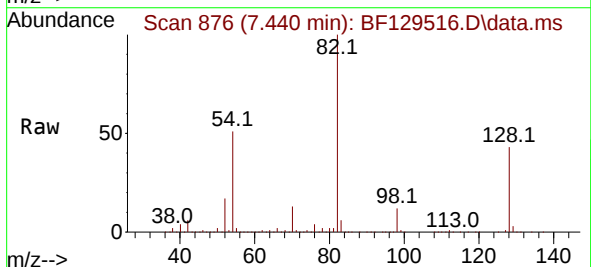
Instrument :
BNA_F
ClientSampleId :
RVE-58

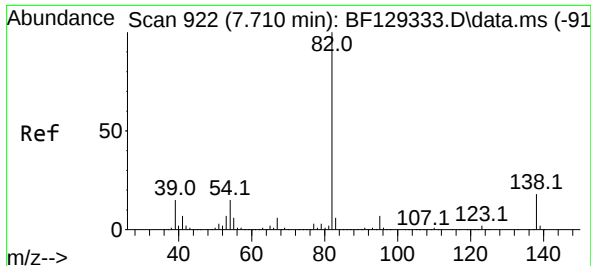
Tgt Ion:136 Resp: 631857
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 7.5 11.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 70.101 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion: 82 Resp: 811412
Ion Ratio Lower Upper
82 100
128 43.0 34.0 51.0
54 50.6 46.9 70.3

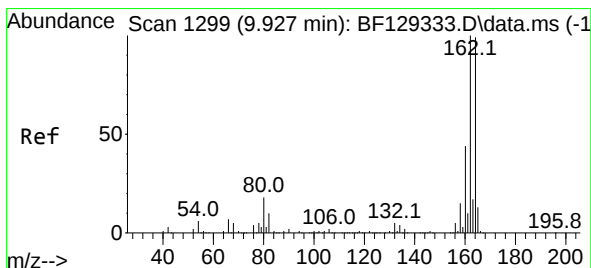
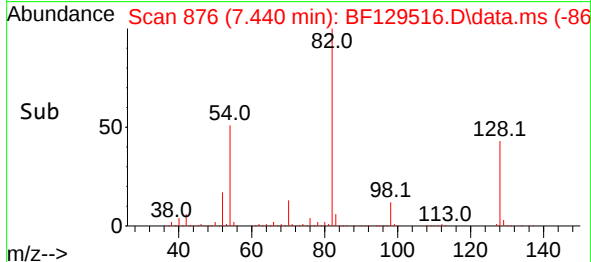
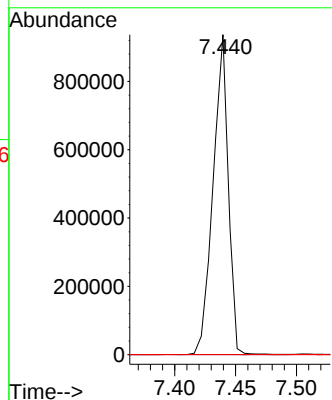
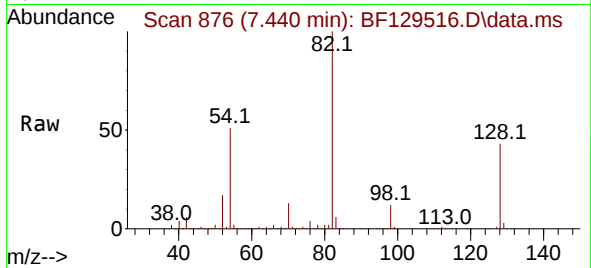




#25
Isophorone
Concen: 39.108 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

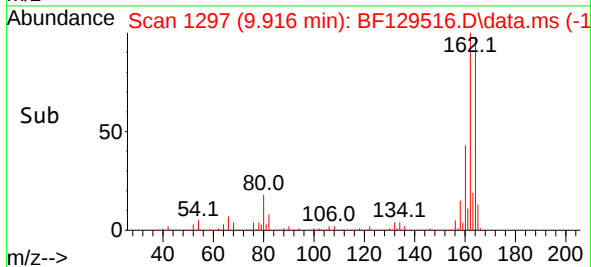
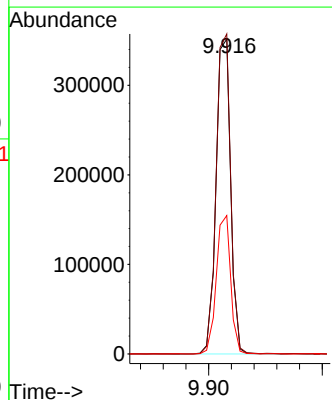
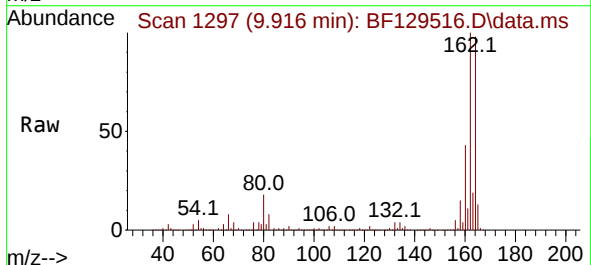
Instrument :
BNA_F
ClientSampleId :
RVE-58

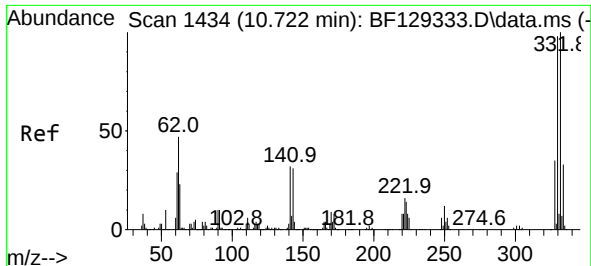
Tgt Ion: 82 Resp: 811412
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion: 164 Resp: 313360
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 93.729 ng

RT: 10.710 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129516.D

Acq: 02 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-58

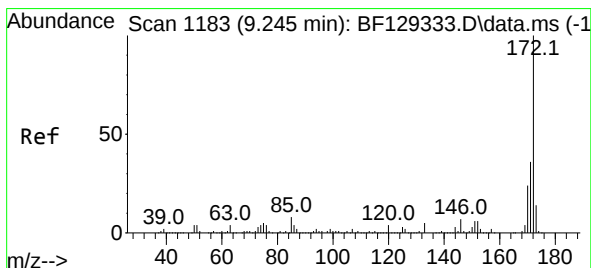
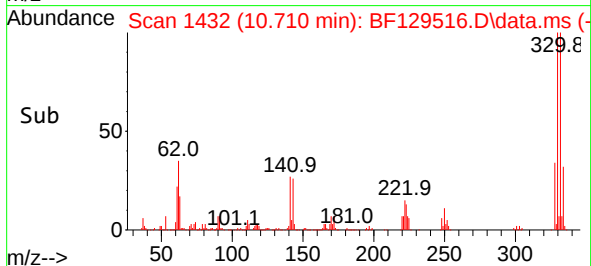
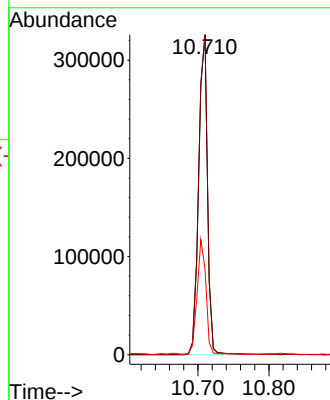
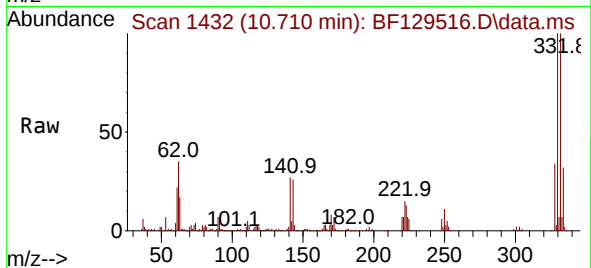
Tgt Ion:330 Resp: 282380

Ion Ratio Lower Upper

330 100

332 100.7 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 71.175 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129516.D

Acq: 02 Aug 2022 19:58

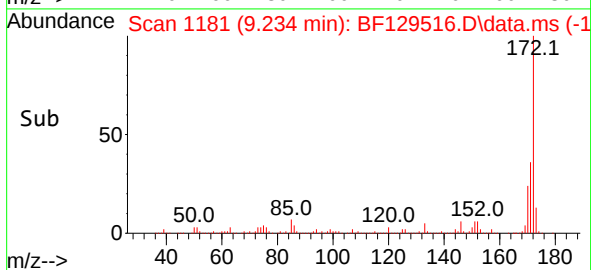
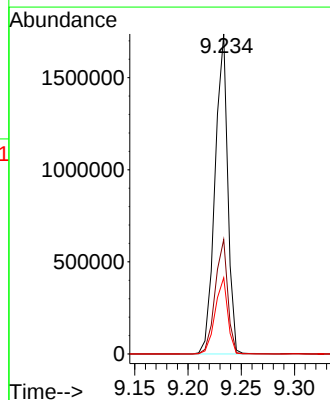
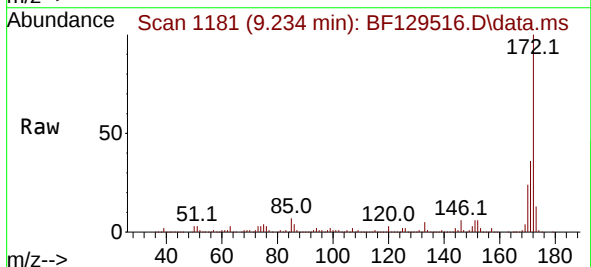
Tgt Ion:172 Resp: 1441768

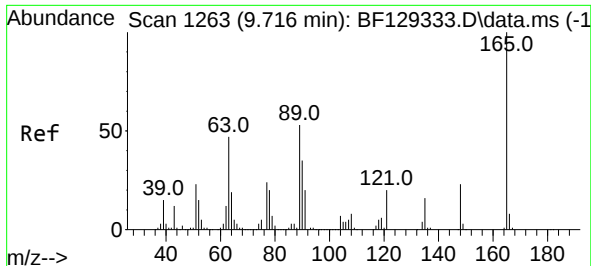
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.682 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129516.D

Acq: 02 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-58

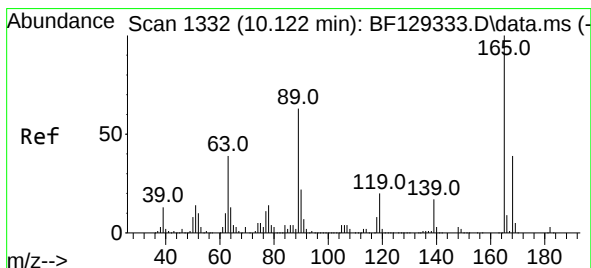
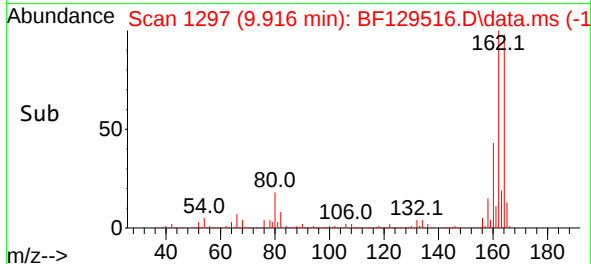
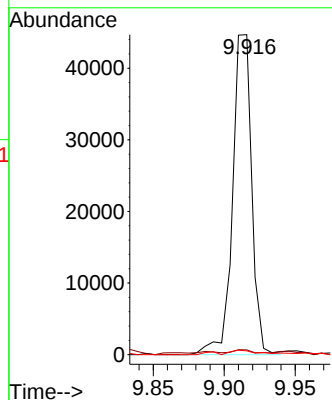
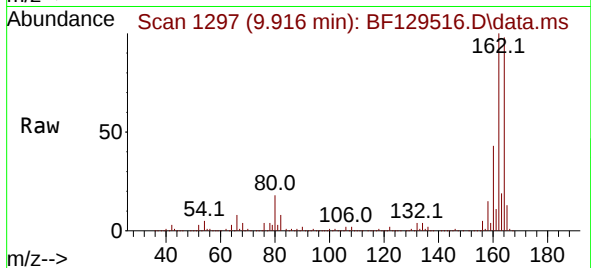
Tgt Ion:165 Resp: 42036

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.646 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.194 min

Lab File: BF129516.D

Acq: 02 Aug 2022 19:58

Tgt Ion:165 Resp: 42036

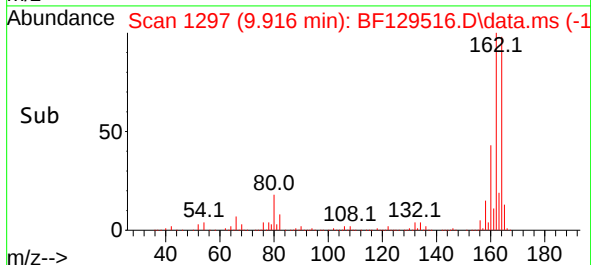
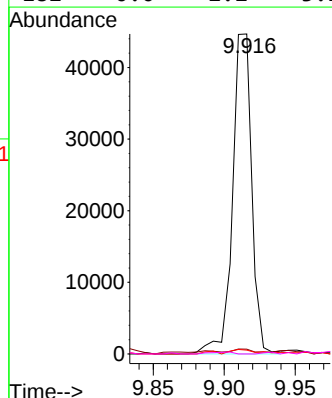
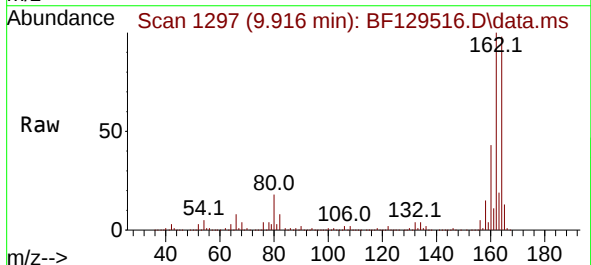
Ion Ratio Lower Upper

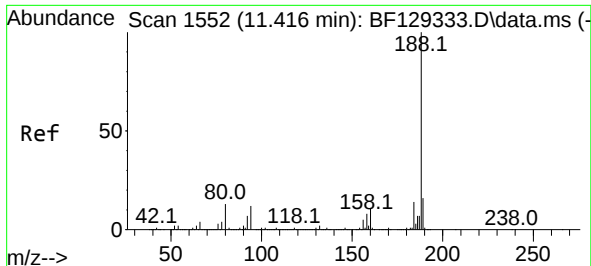
165 100

63 1.5 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

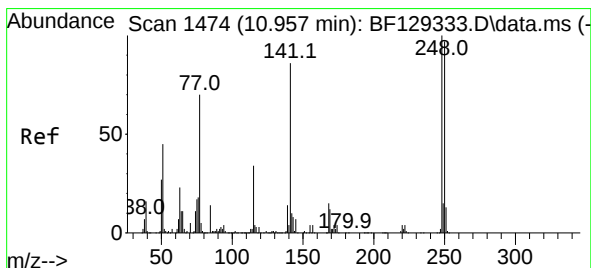
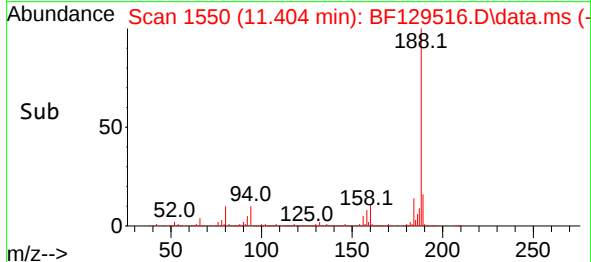
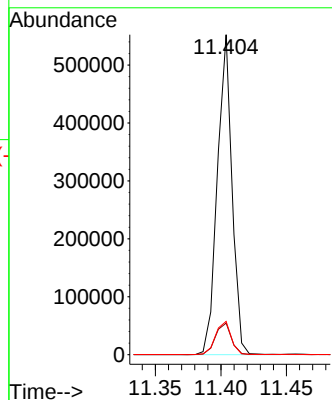
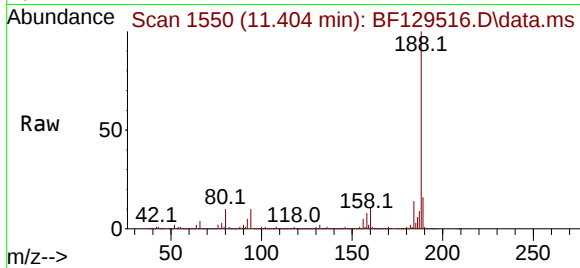




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

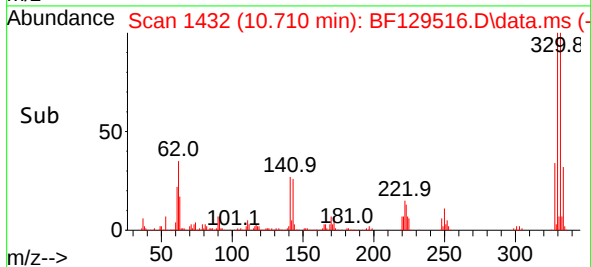
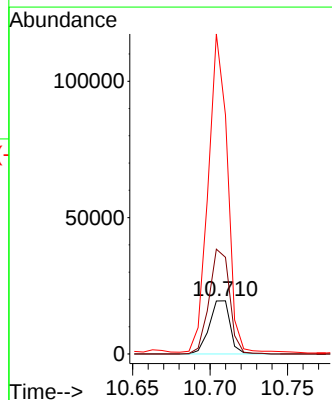
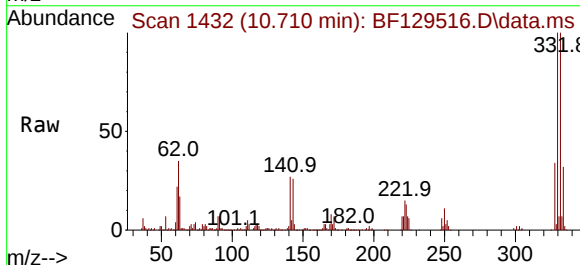
Instrument :
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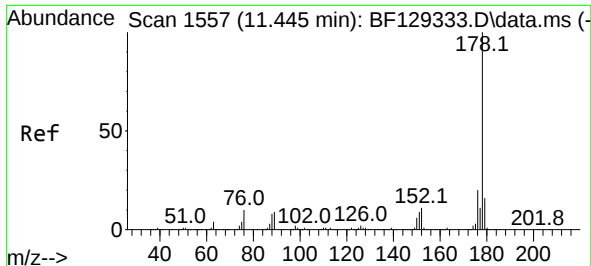
Tgt Ion:188 Resp: 429212
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.876 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.235 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion:248 Resp: 18219
Ion Ratio Lower Upper
248 100
250 182.1 80.6 120.8#
141 449.6 58.9 88.3#

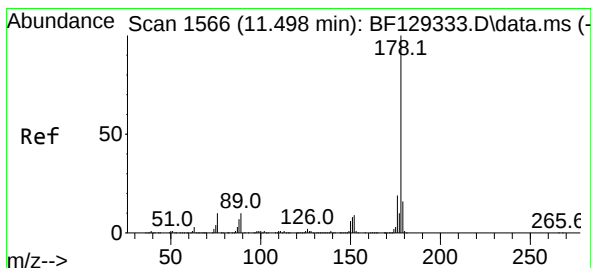
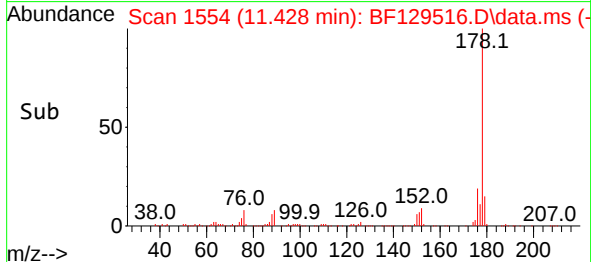
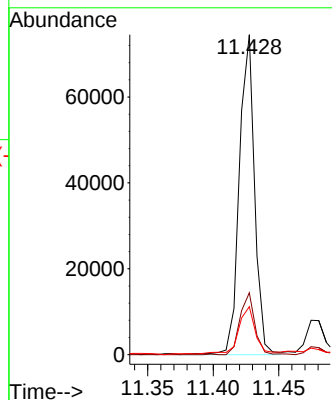
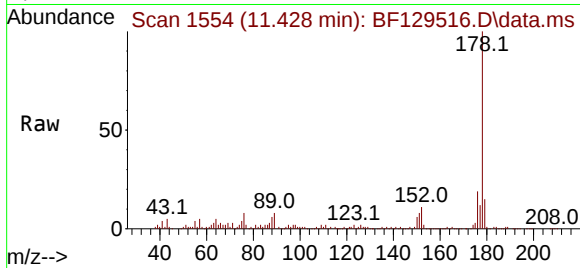




#71
Phenanthrene
Concen: 2.581 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

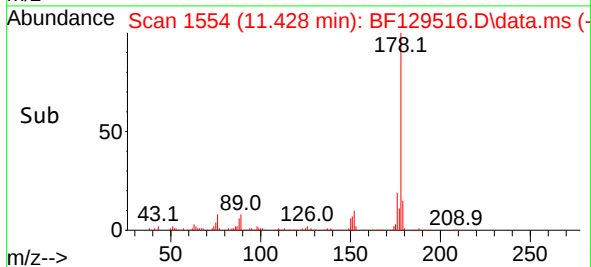
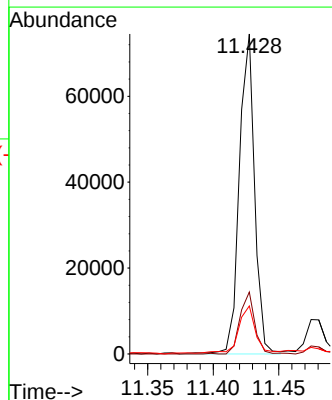
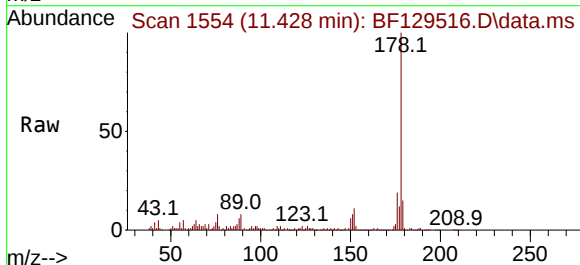
Instrument :
BNA_F
ClientSampleId :
RVE-58

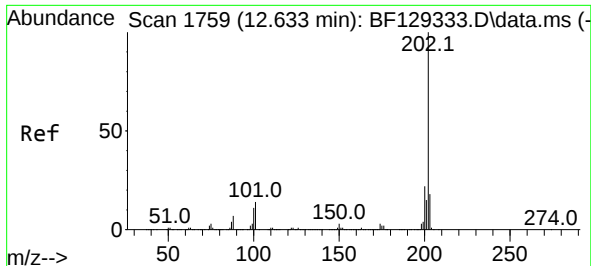
Tgt Ion:178 Resp: 60475
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.0 12.6 19.0



#72
Anthracene
Concen: 2.627 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.053 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion:178 Resp: 60475
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.0 12.6 19.0

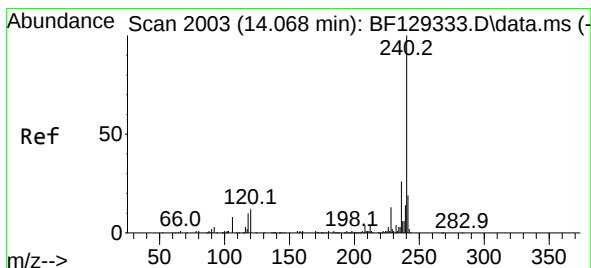
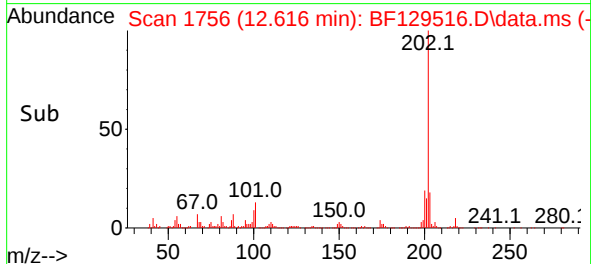
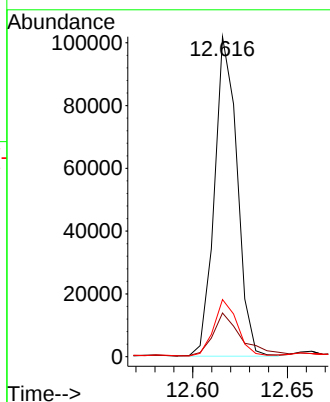
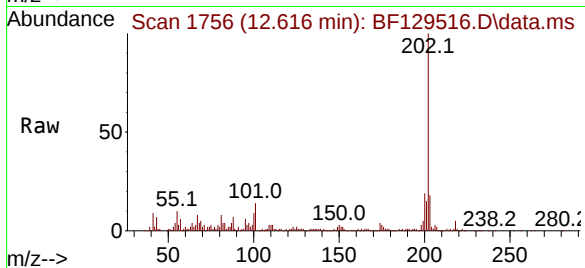




#75
Fluoranthene
Concen: 3.574 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

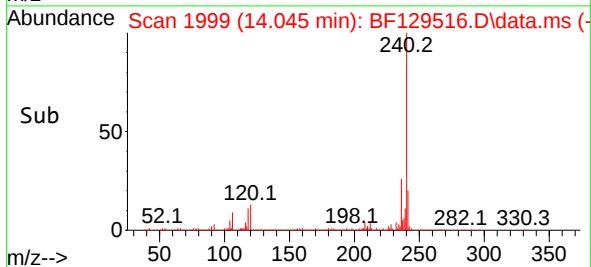
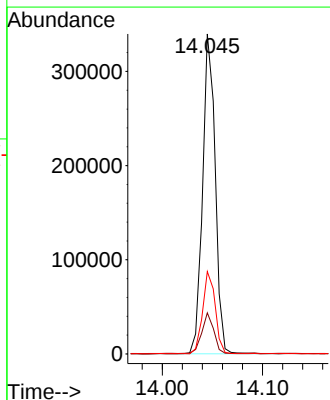
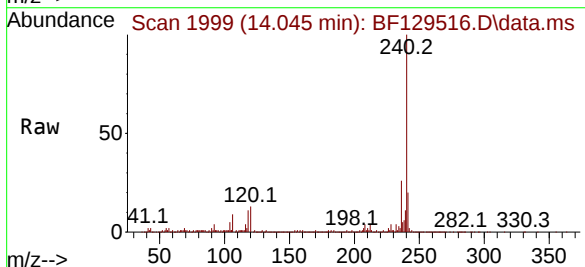
Instrument :
BNA_F
ClientSampleId :
RVE-58

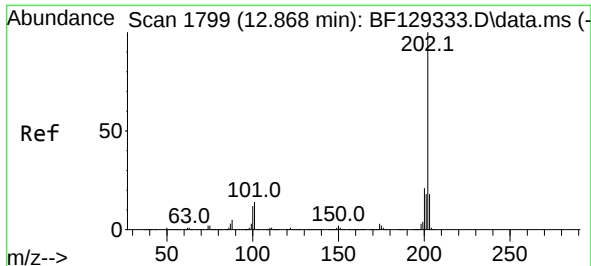
Tgt Ion:202 Resp: 84843
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.4
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion:240 Resp: 297461
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.8 20.8 31.2

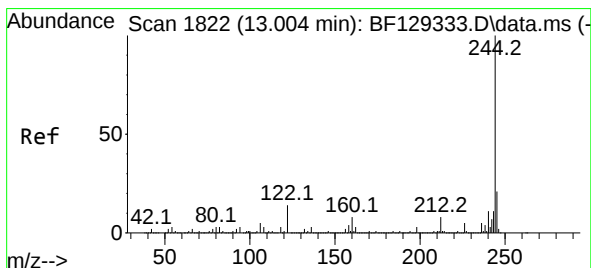
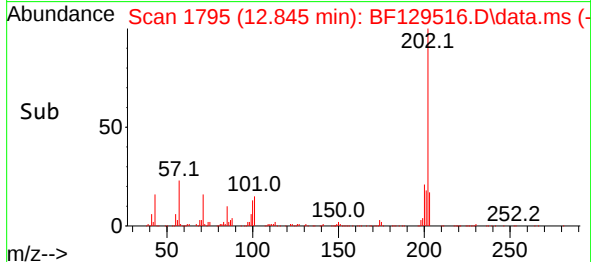
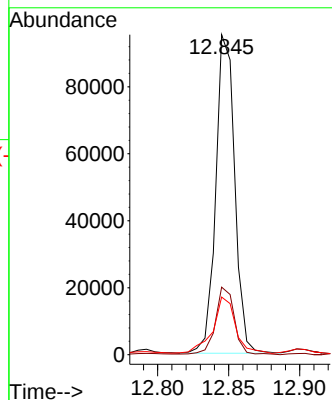
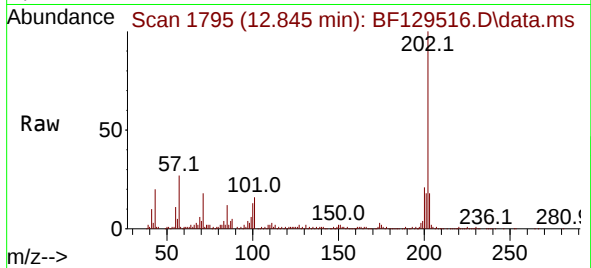




#78
Pyrene
Concen: 3.543 ng
RT: 12.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

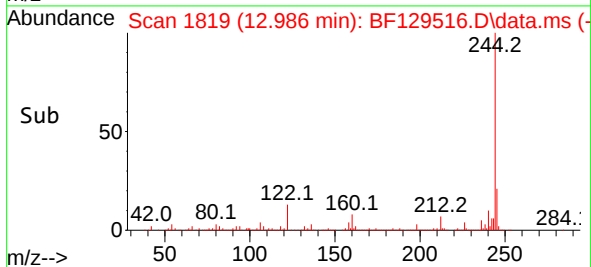
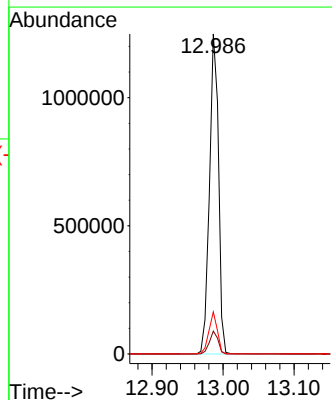
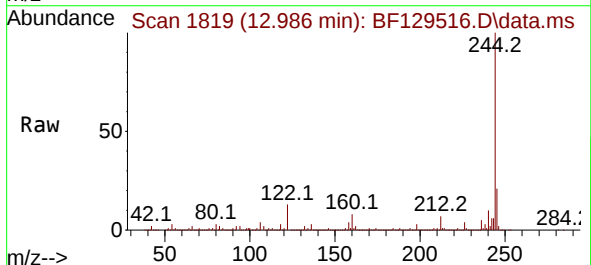
Instrument :
BNA_F
ClientSampleId :
RVE-58

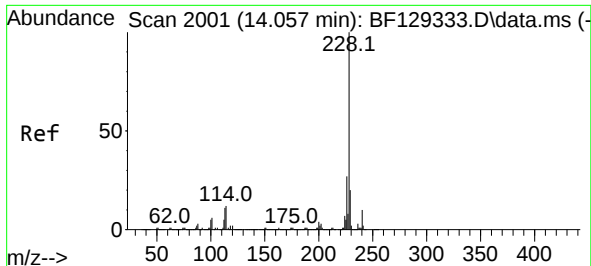
Tgt Ion:202 Resp: 88119
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 18.0 14.6 21.8



#79
Terphenyl-d14
Concen: 70.318 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion:244 Resp: 1108720
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 13.2 8.8 13.2

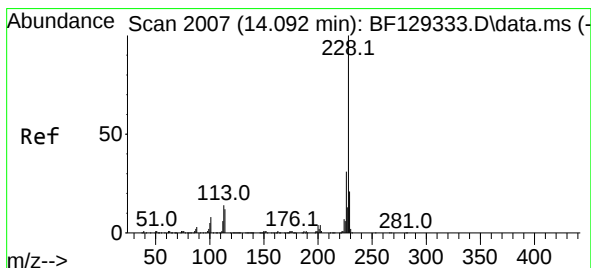
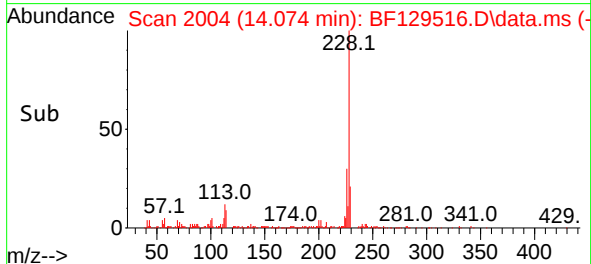
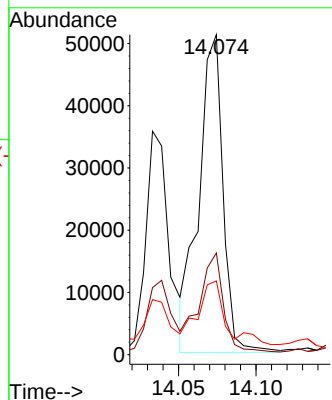
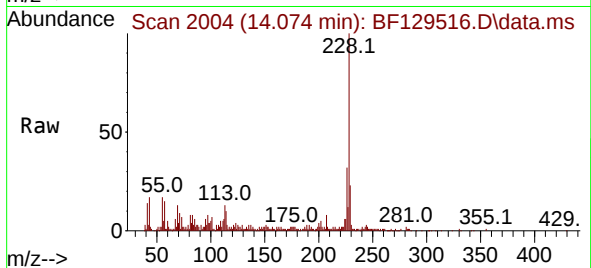




#81
Benzo(a)anthracene
Concen: 2.735 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.035 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

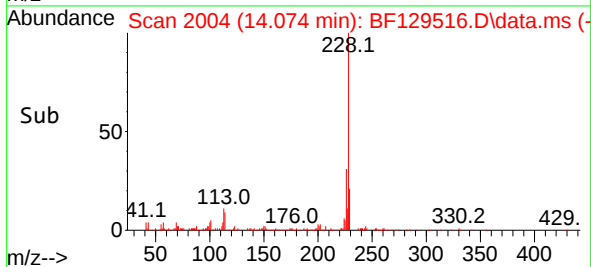
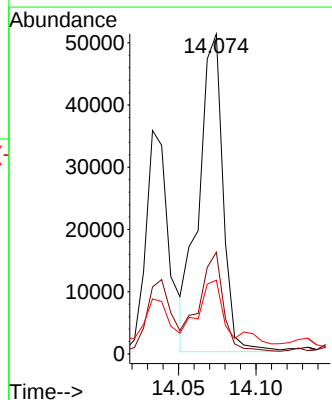
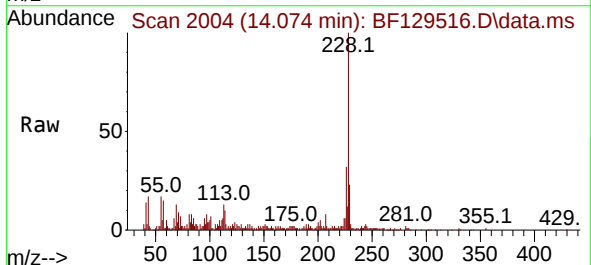
Instrument :
BNA_F
ClientSampleId :
RVE-58

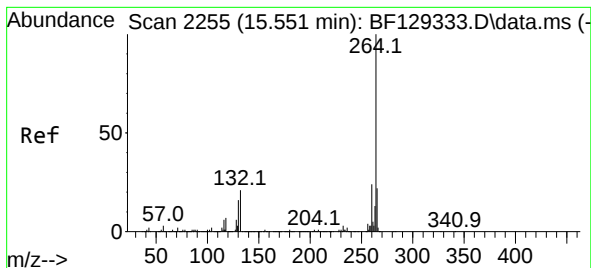
Tgt Ion:228 Resp: 55565
Ion Ratio Lower Upper
228 100
226 31.8 22.1 33.1
229 23.0 15.8 23.8



#83
Chrysene
Concen: 2.902 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion:228 Resp: 55565
Ion Ratio Lower Upper
228 100
226 31.8 24.3 36.5
229 23.0 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF129516.D

Acq: 02 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-58

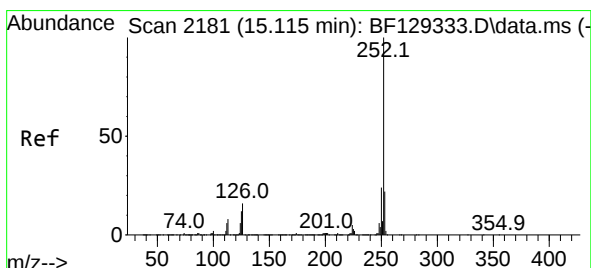
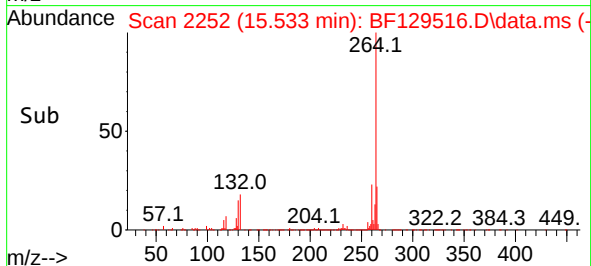
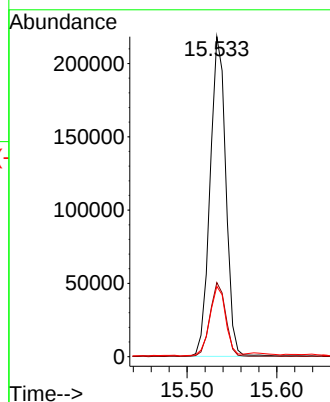
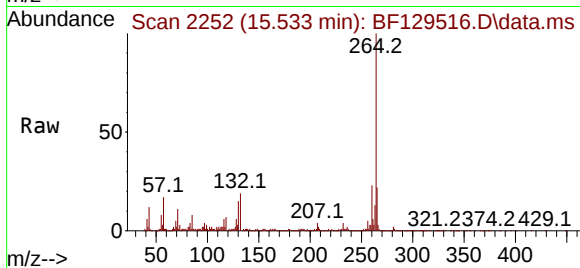
Tgt Ion:264 Resp: 266110

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.9 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 4.693 ng

RT: 15.098 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF129516.D

Acq: 02 Aug 2022 19:58

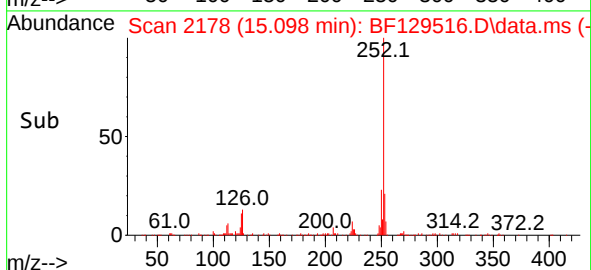
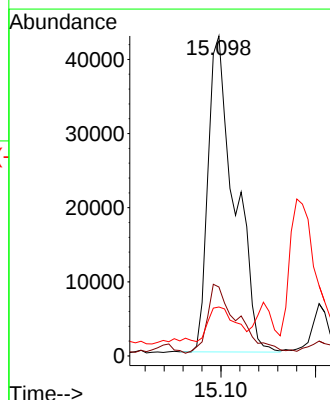
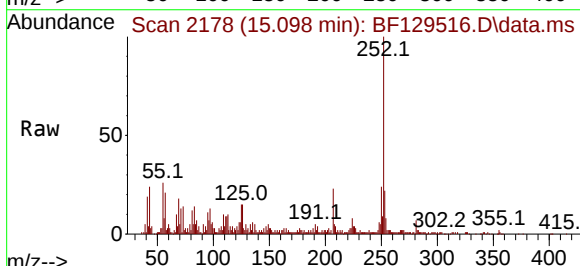
Tgt Ion:252 Resp: 82847

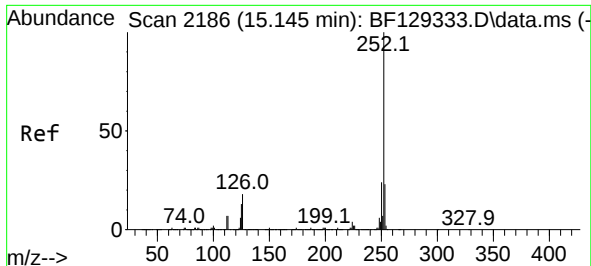
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 15.3 8.0 12.0#

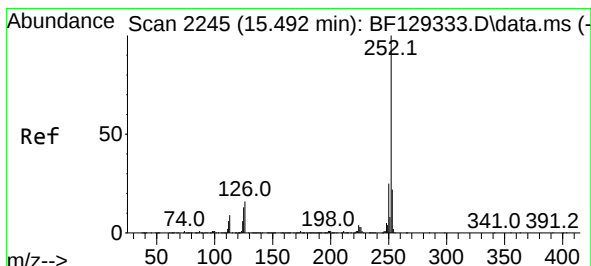
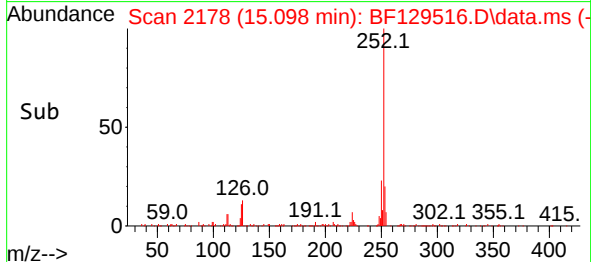
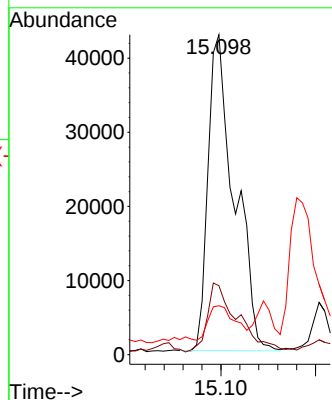
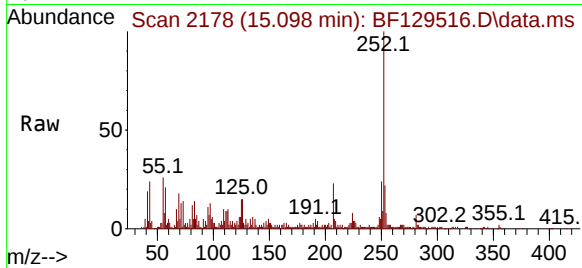




#89
Benzo(k)fluoranthene
Concen: 4.789 ng
RT: 15.098 min Scan# 2186
Delta R.T. -0.024 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Instrument :
BNA_F
ClientSampleId :
RVE-58

Tgt Ion:252 Resp: 82847
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 15.3 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.519 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion:252 Resp: 36094
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.6
125 17.8 8.8 13.2#

